

AMENDMENTS TO THE CLAIMS

1. (currently amended): An implantable device comprising a plurality of detachment junctions, each detachment junction comprising a junction member having ~~wherein each junction member has~~ different light-activation properties than the other junction members, such that each junction member is cleavable by the application of a different wavelength of electro-magnetic radiation.

2. (original): The device of claim 1, wherein the electro-magnetic radiation is light.

3. (original): The device of claim 1, wherein one or more junctions comprise a shape memory polymer.

4. (original): The device of claim 2, wherein one or more junctions further comprise one or more dyes or pigments.

5. (original): The device of claim 1, wherein the implantable device comprises a vaso-occlusive coil.

6. (original): The device of claim 1, wherein the implantable device comprises a stent.

7. (original): The device of claim 1, wherein the implantable device comprises a filter.

8. (original): The device of claim 1, wherein the light is visible light.

9. (original): The device of claim 1, wherein the light is non-visible light.

10. (original): An assembly for use in delivering an implantable device comprising

(a) an implantable device according to claim 1; and

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(b) a deployment mechanism.

11. (original): The assembly of claim 10, wherein the deployment mechanism comprises one or more electro-magnetic radiation transmitting devices.

12. (original): The assembly of claim 11, wherein the electro-magnetic radiation transmitting device comprises one or more fiber optic cables.

13. (original): The assembly of claim 11, wherein the electro-magnetic radiation transmitting device comprises one or more light-transmitting fluids.

14. (original): The assembly of claim 11, wherein the electro-magnetic radiation transmitting device comprises one or more light-transmitting wires.

15. (original): The assembly of claim 11, wherein the implantable device comprises a vaso-occlusive coil.

16. (original): The assembly of claim 11, wherein the implantable device comprises a stent.

17. (original): The assembly of claim 11, further comprising

(d) a source of electro-magnetic radiation attached to the delivery mechanism.

18. (original): The assembly of claim 17, wherein the electro-magnetic radiation is light.

19. (original): The assembly of claim 18, wherein the light source comprises a laser.

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